EV Charging Cable

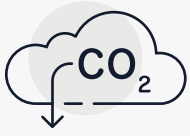
Discover Evaka's Type 2 EV Charging Cable: Effortlessly charge electric and hybrid vehicles with Type 2 connections. This reliable cable provides both 1-phase and 3-phase options, ensuring versatile charging solutions with safety and durability at the forefront.

We harness the power of green energy to manufacture our products, resulting in a significant reduction of CO2 emissions.





Our entire manufacturing process operates on green energy exclusively.



We calculate CO2 emissions and lead initiatives for a greener tomorrow.



Our rooftop beekeeping initiative contributes to a sustainable, resilient ecosystem for both bees and humans alike.

Product datasheet

Charging connector	Type 2
Protection degree	IP 54
Flame retardant rate UL94	V0 non-flammable
Operating temperature	-30 °C to +50 °C
Cable length	3, 5, 7, 10 m versions

Technical data

Cable structure (mm²)	3x2,5mm² + 0,5mm²	5x2,5mm² + 0,5mm²	3x6mm² + 0,5mm²	5x6mm² + 0,5mm²
Cable diameter (mm)	9,2 - 9,6	12,1 - 12,5	12,5 - 12,9	15,4 - 16
Number of phases	1	3	1	3
Rated voltage for power contacts (V)	250	480	250	480
Nominal current for power contacts (A)	25	20	44	38
Charging power (kW)	3,7	11	7,4	22
Number of power contacts	3 (L1, N, PE)	5 (L1, L2, L3, N, PE)	3 (L1, N, PE)	5 (L1, L2, L3, N, PE)
Number of signal contacts	2 (CP,PP)	2 (CP,PP)	2 (CP,PP)	2 (CP,PP)
Rated voltage for signal contacts (V) AC	30	30	30	30
Rated current for signal contacts (A)	2	2	2	2
Note on the connection method	Crimp connection	Crimp connection	Crimp connection	Crimp connection
Resistor coding (Ω)	680	680	220	220

Materials

Housing	PC plastic
Handling area	Soft rubber
Protective cap	Soft rubber
Contacts	Copper alloy
Surface of contacts	Silver
Cable type	H07BZ5-F

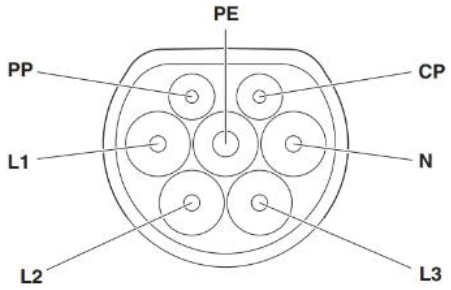
Cable material

- Conductor Flexible annealed copper, class 5
- Insulation Elastomeric rubber, type EVI-2
- Polyurethane, type EVM-1

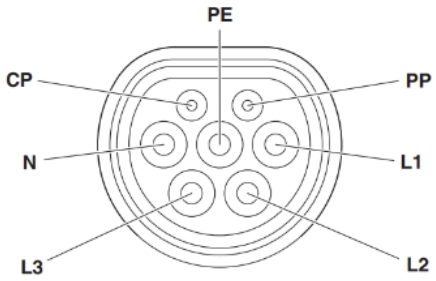
Standards

- Conductive charging according to IEC 62196-1:2023
- Connector according to IEC 62196-2:2022
- Cable in accordance with EN 50620
- Low voltage directive 2014/35/UE
- CE certified

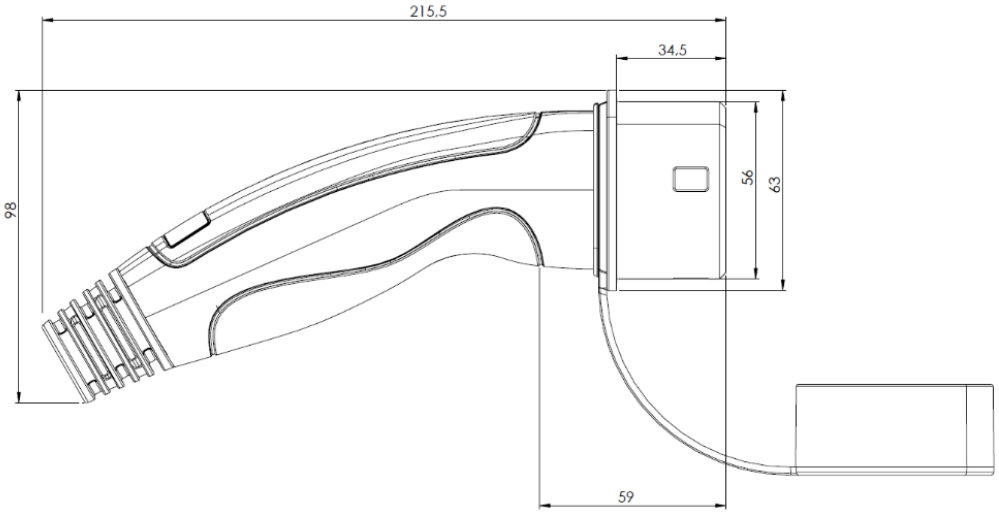
Charger plug



Vehicle connector



Dimensional drawing



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